

ABSTRACT

Systems and methods are described for speech systems that utilize an interaction manager to manage interactions - also known as dialogues - from one or more applications. The interactions are managed properly even if multiple applications use different grammars. The interaction manager maintains an interaction list. An application wishing to utilize the speech system submits one or more interactions to the interaction manager. Interactions are normally processed in the order in which they are received. An exception to this rule is an interaction that is configured by an application to be processed immediately, which causes the interaction manager to place the interaction at the front of the interaction list of interactions. If an application has designated an interaction to interrupt a currently processing interaction, then the newly submitted application will interrupt any interaction currently being processed and, therefore, it will be processed immediately.